

REPORT

ON THE

HEALTH

OF THE

BOROUGH OF SUTTON COLDFIELD

FOR THE YEAR 1913

BY

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MEDICAL OFFICER OF HEALTH'S OFFICE,

14, TEMPLE STREET, BIRMINGHAM,

March 9th, 1914.

To the Sanitary & Buildings Committee,

MR. CHAIRMAN AND GENTLEMEN,

1. I have the honour to present to you my TWENTY-EIGHTH ANNUAL REPORT on the Sanitary Condition of the Borough, and, in order to make comparison with previous reports as easy as possible, I have adopted the same general arrangement of tabular forms.

AREA.

2. This is the same as last year, namely, 13,030 acres, and as there has been no alteration in the Ward Boundaries the area is sub-divided as follows:—Boldmere Ward, 1,051 acres; Hill, 2,907; Maney, 848; Trinity, 3,223; Walmley, 4,242; and Wylde Green, 759.

3. The town lies N.E. from Birmingham in the extreme N.W. corner of the County of Warwick. It is situated chiefly on porous soil, well supplied with water, and is of considerable area. It has the great residential advantage of the well-known Sutton Park, which acts as a lung, not only to the town itself, but to the populous districts near which it is situated.

POPULATION.

4. At the last census in April, 1911, the population of the Borough was shown to be 20,132. In the middle of 1913, I estimate the population to have increased to 20,919, basing my calculation chiefly on the number of inhabited houses at the end of the year, having regard to the population per house found at the census.

5. The following table shows the population in the six wards :—

WARDS.	Area in Acres.	Population.
Boldmere Ward	1,051	5,363
Hill Ward.. ..	2,907	3,314
Maney Ward	848	4,298
Trinity Ward	3,223	3,555
Walmley Ward	4,242	1,469
Wylde Green Ward	759	2,920
	13,030	20,919

6. It will be seen that while the increase has taken place generally in all the wards, it has been most marked in Boldmere and Maney.

BIRTHS.

7. Four hundred and six births were registered during the year and show a very marked increase on the number of the previous year, which was only 347. This gives us a Birth Rate for the year of 19·41, much more satisfactory than the previous year and the highest for the last five years.

8. The number of illegitimate births was only 3, a very satisfactory figure compared with that of last year when 10 such were registered.

9. I am glad to be able to report that speaking generally, the adoption of the Notification of Births Act has been a great success. It has not been altogether as great a success as it should have been, because in some instances Notifications have not been sent in by medical practitioners present at the birth. I have several times in the latter part of the year called your attention to these omissions, and I would appeal to all medical

practitioners in the Borough to give that assistance which has been so generously afforded in the past in all matters pertaining to public health, in helping the Sanitary Authority to carry out their work in connection with the reduction of infant mortality. I do not ask that intimation should be made by everyone mentioned in the Act and I shall be perfectly satisfied if the practitioner attending will take the necessary steps to see that the father or guardian notifies within the stipulated period.

DEATHS.

10. Two hundred and sixteen deaths were registered in the Borough during the year, but in order to obtain the correct Death Rate pertaining to the Borough it is necessary to make certain corrections, which the Registrar General now aids us in doing. I find that in the case of 10 of these deaths, they occurred in persons not belonging to the Borough, while in 24 instances, deaths of residents occurred outside the Borough and so were not registered therein. This means that to obtain the correct number of deaths to be debited to the town, the 10 deaths of non-residents have to be deducted from the 216 and 24 transferable deaths added thereto, showing the correct number of deaths belonging to Sutton Coldfield as 230. This gives us a Death Rate of 10·99. This is considerably higher than the previous year, but as I shall show in dealing with the causes of death later on, this in no way suggests a diminished health rate. The increased mortality has been due very largely to the increase in the number of deaths of aged persons for whereas last year the number of deaths in persons aged 65 and upwards was 99 in the previous year it was only 79.

11. In the past—except under very special conditions—it has not been possible to give anything but a partially corrected Death Rate, but since the census returns have been available, the Registrar General has forwarded to the Medical Officer of Health of each Sanitary District in the Country a factor for the correction of the mortality figures in that District, corrected that is for age and sex. It is obvious that figures are only comparable with other Districts, if the basis on which they are calculated is the same.

In comparing Death Rates of different Districts, it is important that the age and sex distribution of the population should be known. This varies considerably, according to the nature of the District, whether rural or manufacturing, and in the future, a factor will be available for bringing these figures into proper comparison with those of England and Wales. In Sutton Coldfield, our population as regards age and sex, differs but little from the average, and the factor by which we must multiply our Death Rate is $\cdot 9984$. On doing this, I find that the Death Rate corrected would become $10\cdot 97$.

12. The following table shows the Birth, Death, and Zymotic Death Rates for the past 10 years :—

	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913
Birth Rate ..	20·54	19·90	20·62	19·71	17·74	17·06	18·41	19·37	16·8	19·41
Death Rate ..	10·44	9·19	9·71	8·97	9·50	9·61	9·91	10·53	8·54	10·97
Zymotic Death Rate	0·39	0·64	0·82	0·34	0·93	0·65	0·32	0·84	0·48	0·38

13. The following table shows the Birth, Death, and Zymotic Death Rates for the separate Wards of the Borough :—

WARDS.	Population.	Birth Rate.	Death Rate.	Zymotic Death Rate.
Boldmere ..	5,363	19·95	9·13	0·18
Hill	3,314	18·70	9·65	—
Maney	4,298	21·63	12·56	0·46
Trinity	3,555	12·93	10·12	0·56
Walmley ..	1,469	24·50	10·89	1·36
Wylde Green ..	2,920	20·54	11·30	0·34

14. The figures in the above table show the highest Birth Rate to have been in Walmley Ward and the lowest in Trinity Ward.

The Death Rate was highest in Maney Ward and lowest in Trinity Ward, which ward is the only one to show a lower Death Rate than in the preceding year. The Zymotic Death Rate was highest in Walmley Ward, nil in Hill Ward and as low as 0·18 in Boldmere Ward.

15. Of the 230 deaths, 29 occurred in children under a year, compared with 18 in the previous year, and 11 in children between 1 and 5 years. This first figure gives us a Rate of Infant Mortality of 71 per 1,000 Births, one which though not as low as in the previous year—when it was phenomenally low—yet one which is quite satisfactory and much below the average of a few years ago.

16. The following table shows at a glance the Rates of Infant Mortality per cent. :—

Annual Rate of Mortality.	Percentage of Deaths of Infants under One Year to Total Deaths.	Percentage of Deaths of Children under Five Years to Total Deaths.	Percentage of Deaths of Infants under One Year to Registered Births.
10·99	12·6	17·3	7·1

17. As has always been the case in the Borough, careful investigations have been made into the cause of all infant deaths registered and I find them to be as follows :—Whooping Cough 1 ; Tuberculous Meningitis 1 ; Meningitis 2 ; Bronchitis 2 ; Diarrhœa and Enteritis 3 ; Congenital Debility, Malformation and Premature Birth 13 ; Violent Deaths 2 ; Other causes 5.

18. It will be seen that the increase has been almost entirely due to the large number of deaths from Congenital Debility and Malformation. The phenomenal figure of the previous year was caused as I then explained, by the falling off in the number of deaths from Congenital Debility and Premature Birth, and this year, the figure under this head has reached again what may be

termed an average one for this Borough. Although the Summer was a moderate one as regards heat, it is interesting to note that even when compared with the previous wet Summer, there was no increased mortality from Diarrhœa.

19. The following table shows the distribution of Births and Deaths in each quarter :—

1913.	Births.	Birth Rate.	Deaths.	Death Rate.	Zymotic Death Rate.
1st Quarter	108	20·64	68	13·00	0·57
2nd „	110	21·00	51	9·75	0·38
3rd „	100	19·12	61	11·66	0·38
4th „	88	16·80	50	9·56	0·19

20. The proportion of Deaths in persons aged 65 and upwards was almost identical with the previous year's figures though a trifle lower, namely 43·9 compared with 44·8. To understand the importance of this figure, it must be borne in mind that in the two previous years the figures were 29·2 and 33·3.

ZYMOTIC DISEASES.

21. I am very pleased again to be able to show a further reduction in the mortality from this class of disease. The deaths registered have been as follows :—Smallpox 0 ; Typhoid Fever 0 ; Measles 2 ; Scarlet Fever 1 ; Whooping Cough 1 ; Diphtheria 1 ; Diarrhœa 3 ; This gives us a total of 8, compared with 10 and 17 in the two previous years. In 1911 the increase was largely due to a total of 11 deaths from Diarrhœa, while in 1913 the number of deaths under this head was only 3.

EPIDEMICS.

22. It is again a fact worthy of record, that nothing approaching a real epidemic of any disease has occurred.

23. *Smallpox*.—Not a single case of this disease has been recorded.

24. *Scarlet Fever*.—As was to be expected, there has been some increase in the number of cases of this disease notified. Altogether 169 were reported compared with 90 in the previous year. As an illustration of the extraordinary mildness of the disease, it is worthy of record that only one case proved fatal, that occurring in a child removed to Hospital. Forty-one of the cases occurred in children under 5 years of age, and 110 between the ages of 5 and 15. As regards prevalence in the Wards, I find that 45 of the cases occurred in Maney, 35 in Boldmere, and 36 in Trinity. Fifty-eight of the cases were removed to Hospital.

25. The disease became rather more prevalent than usual in the autumn, namely in October, November, and December, and this increase which was rather marked for a few weeks, was coincident with a very marked epidemic prevalence in the City of Birmingham and some of the surrounding Districts, so that with the very close association that there is between Sutton Coldfield and the City, it is almost inevitable that an increase should occur.

26. *Measles*.—This disease was not particularly prevalent though a fair number of cases occurred in the first quarter of the year. I received returns from the School Attendance Officer of the number of Children who were away from it. Two deaths were registered, both occurring in children between one and two years of age, and residing respectively in Maney and Trinity Wards.

27. *Whooping Cough*.—This disease showed no marked prevalence. One death was registered from it in Walmley Ward, in an infant under one year of age. I did not find it necessary to close any School in consequence of it.

28. *Diphtheria*.—As was the case with the districts around us, there was an increase in the number of cases of Diphtheria notified. The total number was 13, compared with 5 in the previous year, and with 16 in 1911. Of the 13 cases, 4 occurred in Maney Ward, 4 in Walmley Ward, 3 in Boldmere Ward, and 2 in Wylde Green Ward. Only four of these cases were verified by swabs taken from the throats and sent to the Pathological Laboratory of the Birmingham University under the County Council Scheme. Altogether,

however, 22 swabs were taken, and of these 18 proved to be negative. I am glad to be able to state that an extended use is now being made of the facilities given to Medical Practitioners by the County Council of verifying the cases.

29. In every case, careful investigations were made as to the Sanitary condition of the premises and surroundings, and in every case the drains were tested by the Smoke test. In nearly every case no Sanitary defect was discoverable, but in a few instances minor defects were shown, due to small leaks generally at the junction of the ventilating shaft and the drain. In no case could any direct escape of sewer gas into the house be discovered. Only one case proved fatal, and that in a child between 2 and 5 years of age, in Boldmere Ward.

30. I may add that I have personally investigated each case as notified, visiting the premises and making all enquiries.

31. Anti-toxin is provided and is always obtainable when required for suitable cases. In only three cases were applications made for it.

32. *Typhoid Fever*.—Two cases of this disease were notified, one in Boldmere Ward and one in Wylde Green Ward. The case in Wylde Green was undoubtedly imported into the Borough from a well-known health resort. I also discovered, though I could not get much information of a definite kind, that within the period of incubation, oysters had been eaten by this patient. As regards the Boldmere case, I was unable to obtain any definite information. In both cases tap water was supplied, and an examination of the drains and Sanitary appliances showed these to be satisfactory. Neither of the cases proved fatal.

33. *Diarrhœa*.—In my previous Report I was able to congratulate you on the fact that we had very little mortality from Diarrhœa, and I ascribed this to the fact that the very wet summer had been unfavourable to conditions producing Diarrhœa. It is extremely satisfactory, therefore, indeed one of the most satisfactory features, to be able to state that though we had a somewhat dry and normal

summer in a meteorological sense, yet not only was there no increase but an actual decrease in Diarrhœa mortality. This, therefore, I think may be ascribed to the long continued work of the County Council Health visiting staff. With the exception of a small part of a rural district outside, Sutton Coldfield has now practically the advantage of the whole time of a Health Visitor and though it is impossible for her to visit every house where her presence would be desirable, the large amount of work she has performed has produced an atmosphere which has a marked effect on the population of the Borough as a whole. The three deaths from Diarrhœa occurred respectively in Maney, Walmley and Wylde Green Wards, and all of them were in infants under one year of age.

34. *Influenza*.—I was able to report in my last Report that not a single death was set down from this disease. The same remark holds good for 1913.

35. *Pulmonary Tuberculosis*.—There has been a slight increase in the mortality from Phthisis, as was almost to be expected when we consider that in the previous year we reached the record, but the number of deaths registered is less than in the years 1910 and 1911. The Death Rate from Phthisis was 0·62, a very good record when compared, not only with the small towns, but with the Country as a whole while the percentage to the total deaths was 5·6, compared with 5·8 and 8·5 in the two previous years. As regards the number of notifications, 33 were received and 3 of other cases of Tuberculosis. Of the 33 notifications, 24 were visited by the Health Visitor and re-visits made to 14 of them. In some instances requests were made by the Medical Practitioners that visits should not be made, and all these requests were respected. No less than 10 of the Cases were in Insured persons, and in 6 cases Sanatorium Benefit was granted, 4 of the patients being sent for Sanatorium treatment and 2 of them receiving Domiciliary treatment at home. Of those under visitation, 4 patients died, two at their own homes, one at the Hospital and one in the Infirmary.

36. In addition to the work done by visiting under the Sanatorium Benefit Scheme of the National Insurance Act, sputum flasks,

and disinfectants were supplied by the staff of the Borough, and leaflets were issued to patients informing them how as far as possible to take care of their own health and minimize the spread of infection to those around. In each case where death took place, disinfection was carried out, both of the patient's belongings and of the rooms.

37. During the year, in 20 cases, sputum was sent to the Pathological Laboratory of the Birmingham University for examination for tubercle bacilli but in only three cases were the results positive, 17 of them being negative. I am pleased to be able to record so great an appreciation of the facilities afforded.

38. I must again point out that though our statistics are so satisfactory compared with many other places, yet the deaths from Consumption were nearly double those of the whole of the deaths from the other Infectious Diseases taken together. It will thus be seen that despite the fall in the Death Rate which has occurred in this disease, there is very much to be done before we can rest satisfied that the mortality from Consumption has been reduced to even reasonable limits.

39. *Diseases of the Respiratory Organs.*—I am again pleased to be able to report that only 20 deaths were due to Diseases of the Respiratory Organs, compared with 22 and 30 in the two previous years.

40. *Cancer.*—It would seem as though one had continually to report an increase in the number of deaths from Cancer and Malignant Disease. The number for 1913 was 24, compared with 23 in the previous year, so that the Report is practically identical. It will be seen, therefore, that a very large number of deaths still occur from Cancer, and although very much work in the way of research as to its cause and prevention has taken place throughout the world, at present I am afraid it is impossible to state that anything practical has emerged from the large number of facts which have been collected.

41. As Cancer is a disease of advanced life, it is only natural that there should be some increase—other things being equal—if we have less mortality at the early age periods, and this I am afraid is, at the present time, our only consolation.

SANITARY CONDITIONS AT THE END OF THE YEAR.

42. I can again state with confidence that the Sanitary condition of the Borough has undergone further improvement. Very few complaints of nuisance have been received, defective property has been put in better order, Scavenging has been well maintained, the Water Supply has been improved by the substitution of tap for polluted water, while improvement has also been effected in the sanitary surroundings of property where such improvement was required.

AN ACCOUNT OF ENQUIRIES MADE AS TO CONDITIONS INJURIOUS TO HEALTH, AND OF THE PROCEEDINGS ADVISED; ALSO, AN ACCOUNT OF THE SUPERVISION EXERCISED OVER PLACES AND HOUSES WHICH THE SANITARY AUTHORITY HAS POWER TO REGULATE WITH THE ACTION TAKEN IN REGARD TO OFFENSIVE TRADES.

NOTIFICATIONS.

43. Two hundred and thirty cases of Infectious Disease were notified during the year. This number is more than in the previous year owing to the greater prevalence of Scarlatina in the Borough.

ISOLATION.

44. I deemed it desirable to isolate 58 cases of Scarlet Fever. This was only seven more than in 1912 though the number of cases as I have previously explained was considerably greater. I am strongly of opinion as I have said before, that in a Borough like Sutton it is not to the public sanitary interest that wholesale isolation should be effected. Strict enquiry is made in every case and if it is thought that local isolation arrangements are satisfactory, removal to Hospital is not undertaken. I need hardly add that in every case where want of accommodation is found for the patient at home, or where food is prepared, or laundry work undertaken, or the inmates are engaged in any occupation in which there is an undue risk of conveying infection, isolation is insisted upon. I have been extremely gratified with the result of the system I have employed during the year in that the increased prevalence

of Scarlet Fever noticed in the autumn months, became amenable in a short time, more so in fact I believe that if universal isolation had been attempted.

45. The cases removed to Hospital were received from the following wards :—Hill 2, Maney 17, Trinity 16, Wylde Green 8, Boldmere 4, Walmley 11.

DISINFECTION.

46. Disinfection has taken place during the year on the same lines as during the past few years. All clothes and bedding from infected cases have been removed to the Aston Disinfector of the City of Birmingham, no less than 149 lots having been forwarded.

47. As regards houses, in every case where it is considered necessary to disinfect, these are now sprayed, and I have given instructions that the old method of fumigation was no longer to be carried out. After disinfection, where premises are not clean, notices are served for the cleansing of the room, and in some instances for the whole of the house. In all cases where there has been any marked prevalence of Infectious Disease at a School, at the end of the term opportunity is taken to give it a thorough cleansing and disinfecting. In addition to the disinfection which has taken place where necessary at the Elementary Schools, two Private Schools have also been disinfected.

SCHOOLS.

48. On more than one occasion when I have known of the prevalence of Infectious Disease (generally non-notifiable) in the District, I have communicated with the School Medical Officer, calling his attention to cases and asking for his aid in endeavouring to prevent the spread of the disease. In one instance—in the autumn—I reported to him several cases of Diphtheria, and suggested to him that he should satisfy himself by taking swabs to prove that cases were free from infection before they were re-admitted to School.

49. The School Attendance Officer sends me at the end of each week, a list of the children away from each School, and the percentage attendance of scholars. This information is valuable, as it enables me to keep in review the incidence of diseases not notifiable by law.

50. Altogether five Schools were closed, due to the prevalence of Infectious Disease. Those at Reddicap Heath for a month in February, the Town Infant Schools also in February, and the Maney Infants' School in the latter half of February, all for Measles. In addition, as a precautionary measure, the Education Committee closed the Girls' and Infants' Town Schools in the month of November.

SEWERAGE AND SEWAGE DISPOSAL.

51. I am again indebted to the Borough Surveyor—Mr. W. A. H. Clarry—for enabling me to give particulars of the work done by his Department during the year. He informs me that:—

“ New sewers were laid and completed in Tower Road, Ladywood Road, and Boldmere Road towards the Park Entrance, and a contractor has just commenced to lay a new sewer in Sherrifoot Lane Hill.

“ An 18 inch diameter surface water outfall drain was laid along the Boldmere Road to the brook near the Park Entrance in order to relieve the drains in the Jockey Road District and prevent the flooding of that road during heavy storms.

“ A small surface water drain has been laid from the Walsall Road through private grounds to Streetly Lane, with an outlet into the Park.

“ Sixty-four connections were made to the Public Sewers for the drainage of 79 houses and 140 water closets.

“ Five connections to the surface water drains were also made.”

52. It will be seen therefore that much work making for improved Sanitary condition has been carried out.

PUBLIC SCAVENGING.

53. I am again pleased to be able to report favourably of the way public scavenging has been carried out in the Borough. During the year 1913, 209,047 removals of dust, etc., from pits and pails were carried out. This is an increase of 77,592 on the previous year, and I am of opinion that speaking generally the work in that part of the Borough which is dealt with—practically the whole of the populous part—is now carried out in accordance with modern requirements. This return shows that for a large proportion of the house refuse removal has taken place on an average nearly weekly.

54. Although I speak with satisfaction of the work done in the populous parts, I still consider that the interests of the Borough as a whole would be advanced by the extension of the scheme to the whole of the Borough area. Certain parts of Walmley, Whitehouse Common, and little Sutton, are so populous over a small area, that I consider it important that the idea of cleanliness should be encouraged among the inhabitants, and this can I am quite certain be accomplished by the Corporation setting the example by the removal of waste matter.

55. Further efforts have been made during the year to complete the removal of the old-fashioned privies in the Urban parts of the district, and I am pleased to be able to state that 11 more privies have been converted into water closets. Further efforts have also been made to abolish waterless water closets, and as a result 4 more cisterns have been provided, so that only 4 such closets remain in the Borough. I hope that these 4 will be dealt with during 1914.

56. In the outlying districts attention has been given to the Sanitary arrangements, and in 10 cases where privies of the old type existed, but where it was not possible to establish water carriage, 10 removable receptacles or pans have been substituted, while in the case of a row of houses, 5 privies have been done away with, and as water closets already existed in the houses, no substitution has taken place.

WATER SUPPLY.

57. The public supply has been analysed every alternate month. Six samples have been taken during the year, and in every case I am pleased to state the results were satisfactory.

58. In addition to the analysis of the public supply, 12 samples have been analysed from private wells. In 8 cases analysis showed pollution to have occurred, and efforts have been made to improve the supply. In the majority of instances this has been done by connecting with the public supply where this was available, but in certain instances, on the outskirts of the Borough, nothing can be done except the taking of steps in connection with the well itself, such as cleaning it, etc., with the hope that improvement may be effected.

59. I am pleased to be able to report that a further extension of mains has taken place, and that these have now been extended to Fox Hill House.

OVERCROWDING.

60. Two cases of overcrowding were reported to the Inspector. Both of these were in Boldmere Ward and both were abated, one by the tenant getting rid of lodgers, and the other by the family removing to Erdington.

SLAUGHTER HOUSES.

61. The Slaughter Houses of the Borough are practically in the same condition as in the past few years. No addition has been made, and ten now exist in the Borough. All of them have been frequently inspected, 86 visits having been made, and the Inspector reports that the tenants keep them, for what they are, in very satisfactory repair. They are cleanly, and walls and floors are satisfactory, and the means for the removal of garbage well maintained.

62. I have also called the Inspector's particular attention to the importance of keeping careful observation on animals slaughtered and also of meat sold in the Borough. He informs me that he has had no occasion to take any steps during the

year either with the slaughter houses or with meat offered for sale. He informs me that the meat offered for sale is of very high quality.

OFFENSIVE TRADES.

63. At the beginning of the year, two such businesses existed in the town, both of them connected with tripe boiling. One of these has been given up, so that at the present time only one is carried on in the Borough. No complaints have been made in connection with this, and on inspection the premises always seemed to be satisfactory.

DAIRIES AND COWSHEDS.

64. The Inspector reports that he has made 65 visits to Cowsheds, and 25 to Dairies and Milk Shops, and says that the favourable report of the previous year still holds good, and that cleanliness is much more marked than formerly, both in the way Cowsheds are maintained, and the way the milk is stored in the Milk Shops. The number of Milk Shops Registered in the Borough at the end of the year was twelve.

ADULTERATION.

65. As regards the administration of the Sale of Food and Drugs Acts, the position remains the same in that the work is carried out entirely by the County Food and Drugs Inspectors. No samples have been submitted on behalf of the Borough to the County Analyst, but on enquiry I find that a reasonable and proper proportion of samples—including milk—have been submitted by the County Inspectors, from the town.

NEW STREETS AND BUILDINGS.

66. Mr. Clarry the Borough Surveyor, has supplied me with the following particulars :—

“ During the year Plans were approved for 82 Houses, 7 Shops, Assembly Hall, Electric Theatre, Electricity Sub-Station, 19 Motor-houses, 15 Sheds, 22 Alterations and Additions, making a total number of 107 plans approved as compared with 92 plans for 121 houses, including 7 Shops, etc., last year.

“ 69 Houses have been passed on completion and certified as fit for human habitation as compared with 51 houses for last year,”

HOUSING AND TOWN PLANNING.

67. I have satisfied myself that very excellent work has been done during the year in the way of House Inspection. No less than 613 houses have been inspected and the results of inspection tabulated in the Register. It is extremely satisfactory to be able to report that the majority of the houses are maintained in good order. This might be expected, because a very large proportion of them are comparatively new, but I can also state that landlords and agents are more careful at the present time to maintain their property in good order than was the case a little while ago.

68. Three houses were visited and inspected by me, and being undesirable, I recommended the Committee to take proceedings to declare them unfit for habitation. This was done towards the end of the year. At the same time two others, though not absolutely unfit for habitation, were reported on as requiring much in the way of renovation. Some work has already been done, but in the meantime the premises have changed hands.

69. I am very pleased to be able to report that the method of dealing with defects in houses has been standardized, in that at each Monthly Meeting of the Committee a list of all houses Inspected presented in tabular form, shows all defects discovered, and these defects are submitted to the Committee, the Chairman signing the Property Register, and the Inspector is authorised to give informal notice in the first instance, to all owners and agents, to have defects remedied. If these are not complied with at the next meeting of the Committee formal notices are issued, and these are followed up until the necessary work is done.

70. As regards Town Planning, I may state that the Local Government Board has sanctioned an application to prepare a scheme for Town Planning of 6,400 acres of the Borough, and that the Committee is engaged in interviewing the owners with

suggestions for clauses to govern the development of their estates. This is a work which must of necessity take some time, and when it is completed, the Committee will draft their scheme, and submit it to a public meeting of owners before depositing the scheme with the Local Government Board, who will then hold their inquiry.

VACCINATION.

71. In some respects the table in the appendix dealing with Vaccination is fairly satisfactory, in others not so satisfactory as in previous years. The number of cases successfully vaccinated was 263, 19 more than in the previous year, but I regret to state that 104 certificates of conscientious objection were obtained, compared with 89 in 1912. It will thus be seen that the percentage of vaccinated children on the number of births during the year was 68 per cent., a figure 1.4 per cent. higher than in the previous year. This, as I say, is satisfactory, but the fact that one-third of the children were unvaccinated is one which must be regarded with great regret by all those who have the interests of the prevention of Infectious Disease at heart.

FACTORIES AND WORKSHOPS ACT.

72. In the Appendix will be found the usual Tables required by the Home Office, duly filled up, giving particulars of Inspections made of these places. I find that 17 Factories, 96 Workshops, and 1 Work Place have been Inspected, some of them on many occasions. Two complaints were made during the year, and the Inspector reports that defects found were remedied. The Bakeries have been well looked after, and the Inspector reports that they have not only been kept in a cleanly condition, but well kept up as regards repairs.

METEOROLOGY.

73. I am again indebted to Mr. Clarry, the Borough Surveyor, for a copy of the Meteorological Returns taken at the Park Lodge and Council House respectively. They show that the mean temperature for the year was 48.4, or 1.3 higher than in 1912.

74. The highest temperature in the shade was not very excessive, and was only 80·3, occurring on the 4th August. Although the mean temperature of the year is higher, this highest reading is a low one, as in the previous year 84·2 was registered on the 16th July. The lowest reading was shown in January, when on the 13th the thermometer fell to 17°. As regards the highest reading in the sun, this was 131·6 on the 31st May, and was closely in accord with the highest solar temperature noted in June, 1912.

75. When we come to consider the rainfall we notice that it compares very favourably with the previous year, for whereas in the wet year of 1912 35·2 inches were registered, in 1913 the total rainfall was 26·29 inches. It is curious that November was the driest month of the year, the rainfall being only ·63 of an inch. In February it was ·75 inch. The highest fall was shown in March, when 4·49 inches fell.

76. Although it was a comparatively pleasant year, the amount of bright sunshine was not excessive, and indeed it was little more than in 1912, 1,184 hours 1 minute compared with 1,157 hours 32 minutes.

77. Perhaps the outstanding characteristics of the year are its general average conditions as regards temperature, rainfall, and bright sunshine.

GENERAL SANITARY WORK.

78. In the Appendix will be found Tables giving the vital statistics of the Borough, and also a resumé of the Sanitary work carried out.

79. During some part of the year the health of the Inspector was unsatisfactory, and this necessitated him taking care for some considerable period. The Assistant Inspector worked extremely efficiently, and though the full staff has not been continuously available, much good work has been done and nothing material left undone.

CONCLUSION.

I do not think that it is necessary to state anything further to give point to the facts and figures in the body of the Report. The Death Rate is certainly a little higher, but this in no way means that the Sanitary condition of the Borough is worse, in fact when we consider that the number of deaths from Infectious Diseases—in spite of an increased population—is less than in the record year of 1912, there can be nothing but satisfaction with the results obtained. The point too that the rate of Infant Mortality is quite within the limits of what at the present time one can reasonably expect it to be, is also a satisfactory one, while the record of Sanitary improvements, in the way of drainage, housing, and water supply conditions, points to a result which must be equally satisfactory to the Committee as the guardians of the public health, as well as to those residing in the Borough.

81. The one point I would call attention to as requiring special attention is the complete abolition of water closets without cisterns. Only four of these are left, and I trust that immediate steps will be taken to provide proper flushing arrangements. The few privies also left in that part of the Borough where sewers are available, should also in my opinion be replaced during the year.

82. It only remains for me to thank the Committee, the Council, and all my brother Officers, for the courtesy and support rendered me throughout the year.

I remain,

Your obedient servant,

A. BOSTOCK HILL, M.Sc., M.D., D.P.H., Camb.,
Medical Officer of Health.

TABLE I.

SUTTON COLDFIELD URBAN DISTRICT.

Vital Statistics of Whole District during 1913 and Previous Years.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS		NETT DEATHS BELONGING TO THE DISTRICT.		
		Un-corrected Number.	Nett.		Number.	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.
			Number.	Rate.					Number.	Rate per 1,000 Nett Births.	
1	2	3	4	5	6	7	8	9	10	11	12 13
1908	20,952	379	—	17·74	194	9·08	7	16	38	95	203 9·50
1909	21,325	364	—	17·06	189	8·86	—	26	37	101	205 9·61
1910	21,780	401	—	18·41	200	9·18	3	19	42	104	216 9·91
1911	20,132	390	3	19·37	198	9·83	4	18	43	105	212 10·53
1912	20,600	347	3	16·87	176	8·54	14	14	18	52	176 8·54
1913	20,919	405	406	19·41	216	10·32	10	24	29	71	230 10·99

Area of District in acres	} 13,030	} Total population at all ages, 20,132
(exclusive of area covered by water)		
		At Census of 1911.

TABLE II.
SUTTON COLDFIELD URBAN DISTRICT.

Cases of Infectious Disease notified during the Year 1913.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.								TOTAL CASES NOTIFIED IN EACH LOCALITY. (e.g. Parish or Ward) of the District.							TOTAL CASES REMOVED TO HOSPITAL.	
	At Ages—Years.								1	2	3	4	5	6	7		
	At all ages.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.									
Small-pox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup)	13	..	..	9	1	3	..	..	..	4	2	4	2	..	..	..	..
Erysipelas	10	..	..	1	..	3	4	2	2	3	..	..	..	..	..	..	..
Scarlet Fever	169	..	41	110	13	5	..	..	5	45	36	21	27	..	..	58	..
Typhus Fever .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Enteric Fever	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..
Relapsing Fever .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued Fever .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-spinal Meningitis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poliomyelitis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pulmonary Tuberculosis	33	..	..	2	8	18	3	2	3	5	5	2	12	..	..	..	..
Other forms of Tuberculosis	3	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..
Tubercular Meringes .. .. .	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
" Peritoneum .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
" Eye .. .. .	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..
TOTALS	230	..	42	125	22	30	7	4	13	57	43	27	42	..	..	58	..

Isolation Hospital—Aston Manor Joint Hospital (belonging to the City of Birmingham).

TABLE III.—SUTTON COLDFIELD URBAN DISTRICT.

Causes of, and Ages at Death during the Year 1913.

CAUSES OF DEATH.		NETT DEATHS AT THE SUBJOINED AGES OF "RESIDENTS," WHETHER OCCURRING WITHIN OR WITHOUT THE DISTRICT (a).										TOTAL DEATHS WHETHER OF "RESIDENTS," OR "NON-RESIDENTS," IN INSTITUTIONS IN THE DISTRICT.	
All Causes	Certified (c) Uncertified	All Ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.			
I													
223	7	2	3	4	5	6	7	8	9	10	11		
Enteric Fever	
Smallpox	
Measles	
Scarlet Fever	
Whooping Cough	
Diphtheria and Croup	
Influenza	
Erysipelas	
Phthisis (Pulmonary Tuberculosis)	
Tuberculous Meningitis	
Other Tuberculous Diseases	
Cancer, malignant disease	
Rheumatic Fever	
Meningitis	
Organic Heart Disease	
Bronchitis	
Pneumonia (all forms)	
Other Diseases of Respiratory Organs	
Diarrhœa and Enteritis	
Appendicitis and Typhlitis	
Cirrhosis of Liver	
Alcoholism	
Nephritis and Bright's Disease	
Puerperal Fever	
Other accidents and diseases of Pregnancy and Parturition	
Congenital Debility and Malformation, including Premature Birth	
Violent Deaths, excluding Suicide	
Suicide	
Other Defined Diseases	
Diseases ill-defined or unknown	
230	29	4	7	11	7	23	48	101	12				

TABLE V.

WATER : RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

No. of Sample.	Locality.	Date.	Free and Saline Ammonia.	Organic Ammonia.	Chlorine in Chlorides.	Nitrogen in Nitrates and Nitrites.	Oxygen Absorbed in four hours at 80° F.	Total Solid Matter.
SAMPLES OF PUBLIC SUPPLY.								
2	Walmley Ward	Jan. 9	trace	0.005	1.85	trace	0.039	30
3	Maney Ward	March 3	trace	0.003	1.8	0.22	0.025	26
4	Hill Ward	May 5	trace	0.004	1.8	0.11	0.019	28
7	Boldmere Ward	July 7	trace	0.003	1.8	0.1	0.012	30
14	Wylde Green Ward	Sept. 8	trace	0.004	2.3	trace	0.025	33
17	Trinity Ward	Nov. 10	0.002	0.003	2.0	0.33	0.025	28
SAMPLES OF WELL WATER.								
1	Bird Farm	Jan. 9	0.002	0.033	8.3	1.1	—	70
5	Reddicap Heath Road	June 12	0.001	0.032	8.8	6.82	—	128
6	Rectory Cottage	" 12	trace	0.004	2.7	0.99	—	38
8	Walmley Alms House	July 10	trace	0.010	3.2	trace	—	42
9	Walford Gap Cottage	" 10	trace	0.018	8.0	7.5	—	126
10	Higgins, Hill Hook	Aug. 19	0	0.012	2.4	0.66	—	30
11	Holt, Blake Street	" 19	trace	0.012	3.2	1.1	—	46
12	Scott's Cottages	" 19	0.004	0.032	4.3	1.21	—	46
13	Hill's Cottages	" 19	0.012	0.012	4.0	1.54	—	44
15	Belwell Lane	Oct. 16	0	0.008	1.2	trace	—	29
16	Stamps, Maney	" 16	0	0.006	3.6	1.1	—	60
18	Spring Tibbets	Dec. 11	0.001	0.016	1.7	1.1	0.181	48

TABLE VI.

Summary of Sanitary Work done in the Inspector of Nuisances

Department during the year 1913.

In the Urban Sanitary District of Sutton Coldfield.

DESCRIPTION OF WORK PERFORMED.				Inspections and Observations made.	Formal Notices by Authority.	Nuisances abated after Notice.
Dwelling Houses and Schools.	{	Foul Conditions	240	25	72	
		Structural Defects	562	25	226	
		Overcrowding	6	—	2	
		Unfit for Habitation	9	3	—	
	Lodging Houses	—	—	—		
	Dairies and Milkshops	25	—	—		
	Cow Sheds	65	—	—		
	Bakehouses	53	—	—		
	Slaughter-Houses	86	—	—		
	Canal Boats	—	—	—		
House Drainage	{	Ashpits and Privies	743	—	—	
		Deposits of Refuse and Manure ..	30	—	15	
		Water-Closets	943	—	145	
		Defective Traps	58	—	18	
	No Disconnection	—	—	—		
	Other Faults	192	—	96		
	Water Supply	55	7	5		
	Pigsties	31	—	9		
	Animals improperly kept	50	—	21		
	Offensive Trades	3	—	—		
	Smoke Nuisances	—	—	—		
	Other Nuisances	—	—	—		
	Totals				3,151	60	609

TABLE VI.—*Continued.*

DESCRIPTION OF WORK PERFORMED.					No.
Seizures of Unwholesome Food	..	..	..	..	—
Samples of Food taken for Analysis	..	..	..	..	—
„ „ found Adulterated	..	..	..	..	—
„ of Water taken for Analysis	..	..	..	..	18
„ „ condemned as unfit for use	..	..	..	..	8
PRECAUTIONS AGAINST INFECTIOUS DISEASE.					
Lots of Infected Bedding Stoved or Destroyed	..	..	..	..	172
Houses Disinfected after Infectious Disease	..	..	..	..	188
Schools „ „ „ „	..	..	..	..	5
Prosecutions for not Notifying Existence of Infectious Disease					—
Convictions „ „ „ „ „ „					—
Prosecutions for Exposure of Infected Persons or Things	..	..	..	..	—
Convictions „ „ „ „ „					—

FREDERICK MERRIFIELD,
Inspector of Nuisances.

TABLE VII.

SUTTON COLDFIELD URBAN DISTRICT.

Return showing the number of Births registered, together with the number of such cases successfully Vaccinated or otherwise disposed of in the above District during the Twelve Months ended 30th June, 1913.

Vaccination Districts.	No. of Births Registered during the year ended 30th June, 1913.	No. of these cases successfully Vaccinated.	Insusceptible of Vaccination.	Died before Vaccination.	Cases under Post-ponement.	Removals to other Districts out of the Union.	No. of Cases not to be found.	No. of Cases remaining Unvaccinated at date of this return.	No. of Conscientious Objection Certificates.
Sutton Coldfield ..	388	263	—	13	3	2	2	1	104
TOTALS ..	388	263	—	13	3	2	2	1	104

WALTER ERNEST HOUSE,
Vaccination Officer,
COUNCIL HOUSE,
SUTTON COLDFIELD.

January 16th, 1914.

TABLE VIII.

SHEWING STREETS IN THE BOROUGH IN WHICH CASES OF INFECTIOUS DISEASE HAVE BEEN NOTIFIED.

WARD AND STREET.				Smallpox.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Erysipelas.	Croup.	Puerperal Fever.
BOLDMERE—										
Sheffield Road	—	4	—	—	—	—	—
Chester Road	—	6	—	—	1	—	—
Frederick Road	—	5	—	—	—	—	—
Boldmere Road	—	1	1	1	—	—	—
Gravelly Lane	—	2	—	—	—	—	—
Jockey Road	—	8	2	—	—	—	—
Sycamore Road	—	—	—	—	1	—	—
Somerville Road	—	2	—	—	—	—	—
Station Road	—	1	—	—	—	—	—
Highbridge Road	—	2	—	—	—	—	—
Mayfield Road	—	2	—	—	—	—	—
Beech Road	—	2	—	—	—	—	—
Gate Lane	—	—	—	—	1	—	—
HILL—										
Clarence Road	—	—	—	—	1	—	—
Streetly Lane	—	1	—	—	—	—	—
Belwell Lane	—	3	—	—	—	—	—
Slade Lane	—	—	—	—	1	—	—
Lichfield Road	—	1	—	—	—	—	—
MANEY—										
Newhall Street	—	4	—	—	—	—	—
Manor Road	—	2	—	—	—	—	—
Queen Street	—	2	—	—	1	—	—
Holland Road	—	8	4	—	—	—	—
Victoria Road	—	1	—	—	—	—	—
Park Road	—	6	—	—	—	—	—
Holland Street	—	1	—	—	1	—	—
Coles Lane	—	5	—	—	—	—	—
Walmley Road	—	4	—	—	—	—	—
Lower Queens Street	—	2	—	—	—	—	—
Royal Road	—	1	—	—	—	—	—
Coleshill Road	—	1	—	—	1	—	—
Coleshill Street	—	1	—	—	—	—	—
Kenelm Road	—	1	—	—	—	—	—
Manor Hill	—	2	—	—	—	—	—
Farthing Lane	—	2	—	—	—	—	—
Parade	—	1	—	—	—	—	—
Elms Road	—	1	—	—	—	—	—

TABLE VIII.—Continued.

WARD AND STREET.	Smallpox.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Erysipelas.	Croup.	Puerperal Fever.
Brought forward	—	85	7	1	8	—	—
TRINITY							
High Street	—	6	—	—	—	—	—
Lyndon Road	—	3	—	—	—	—	—
Bracebridge Road	—	—	—	—	1	—	—
Riland Road	—	14	—	—	—	—	—
Tudor Road	—	2	—	—	—	—	—
Rectory Road	—	4	—	—	—	—	—
Whitehouse Common	—	1	—	—	—	—	—
Park Road	—	1	—	—	—	—	—
Routon Cottage	—	—	—	—	1	—	—
Tudor Hill	—	1	—	—	—	—	—
Tamworth Road	—	2	—	—	—	—	—
Mill Street	—	2	—	—	—	—	—
WALMLEY—							
Walmley Village	—	7	1	—	—	—	—
Whitehouse Common Road	—	4	—	—	—	—	—
Fox Hollies Road	—	1	—	—	—	—	—
Walmley Ash Road	—	2	—	—	—	—	—
Bull's Lane	—	—	3	—	—	—	—
Reddicap Heath Road	—	3	—	—	—	—	—
Ox-Leys Road	—	2	—	—	—	—	—
Walmley Road	—	1	—	—	—	—	—
Hollyfield Road	—	1	—	—	—	—	—
WYLDE GREEN—							
Penns Lane	—	4	—	—	—	—	—
Florence Road	—	5	—	—	—	—	—
Green Lanes	—	5	—	—	—	—	—
Little Green Lanes	—	3	1	—	—	—	—
Goldeslie Road	—	1	—	—	—	—	—
Highbridge Road	—	4	—	—	—	—	—
Birmingham Road	—	3	—	—	—	—	—
Walmley Road	—	1	—	—	—	—	—
Orphanage Road	—	—	1	—	—	—	—
Broadfield Road	—	—	—	1	—	—	—
Holifast Road	—	1	—	—	—	—	—
TOTALS ..	—	169	13	2	10	—	—

TABLE IX.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE PARK LODGE AND COUNCIL HOUSE, SUTTON COLDFIELD,
DURING THE YEAR ENDING 31st DECEMBER, 1913, BY THE PARK FORESTER (MR. H. HARLOND).

Lat. : 52 deg. 33 mi. 28 sec., N. Long. : 1 deg. 49 mi. 42 sec., W.
Height of Rain Gauge above Sea Level, 370·5 feet.

MONTH.	RAINFALL.				BAROMETER.				THERMOMETERS.								SUNSHINE.		MONTH:	
	Total Depth in inches.	Number of days on which Rain fell.	Greatest fall in 24 hours.		Highest Corrected Readings.		Lowest Corrected Readings.		IN SHADE.			Highest Readings in Sun.		Lowest Readings on Grass.						
									Highest Readings.	Lowest Readings.	Mean Temperature for Month.									
			Depth.	Date.	Inches.	Date.	Inches.	Date.	Degrees.	Date.	Degrees.	Date.	Degrees.	Degrees.	Date.	Degrees.	Date.	Hours.		Mins.
January ..	3·80	16	0·85	4th	30·118	9th	29·111	20th	50·0	24th	17·0	13th	37·6	69·0	27th	15·1	14th	26	18	January.
February ..	0·75	13	0·24	9th	30·685	12th	29·260	28th	54·8	10th	20·5	23rd	38·7	90·0	10th	11·6	23rd	60	1	February.
March ..	4·49	19	0·76	22nd	30·342	26th	28·860	19th	55·5	30th	19·8	18th	38·3	104·0	25th	19·8	18th	117	52	March.
April ..	3·40	18	0·71	29th	30·187	23rd	29·315	27th	63·8	25th	26·6	13th	45·2	112·6	25th	15·5	13th	96	48	April.
May ..	2·09	13	0·98	3rd	30·168	28th	29·513	4th	78·6	27th	29·4	7th	53·1	131·6	31st	25·0	7th	148	33	May.
June ..	1·51	8	0·55	9th	30·410	14th	29·685	10th	78·5	17th	35·6	1st	56·5	127·0	5th	30·3	1st	187	40	June.
July ..	1·40	8	1·23	6th	30·475	1st	29·512	6th	77·3	30th	37·5	11th	57·9	124·3	2nd	33·1	8th	96	31	July.
August ..	1·13	10	0·48	22nd	30·362	26th	29·835	9th	80·3	4th	36·2	5th	58·8	124·3	11th	26·5	5th	143	50	August.
September ..	1·89	13	0·54	1st	30·460	6th	29·603	14th	76·4	28th	34·5	16th	56·4	118·0	28th	27·6	16th	118	42	September.
October ..	2·84	14	1·21	5th	30·485	13th	29·214	29th	66·5	1st	27·5	25th	49·5	99·5	1st	23·0	25th	83	32	October.
November ..	2·30	17	0·55	12th	30·402	28th	29·224	6th	56·8	18th	22·3	23rd	43·8	85·4	4th	18·4	23rd	70	36	November.
December ..	0·63	7	0·27	26th	30·660	20th	29·460	4th	53·0	1st	19·5	31st	44·6	63·5	1st	11·8	31st	33	38	December.
TOTALS	26·29	156							MEAN FOR THE YEAR				48·4	TOTAL				1184	1	

W. A. H. CLARRY, A.M.I.C.E., Borough Surveyor.

TABLE X.

EXTRACTS FROM REGISTER, FACTORY AND WORKSHOPS ACT 1901.

No. in Register.	Nature of Work carried on.	Cubic Capacity.	Number of Persons permitted to be Employed.	Number of Workers Employed.	W.C.		Lighting.	Warming.	Ventilation.	Paint, Paper, or Limewash.	Remarks.
					M.	F.					
2	Generation of Electricity ..	136,400	—	3	1	—	Windows and Electricity	Boilers and Steam Pipes	Windows and Top	Glazed Bricks and Limewashed	Everything excellent
3	Mineral Waters ..	74,382	—	9	1	1	Windows and Gas	Small Boiler	Windows and Top	Limewashed	Everything new and in good order
6	Baking ..	3,160	12	2	1	—	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
9	Baking ..	1,188	4	2	1	—	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
10	Baking ..	2,700	10	4	1	—	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
11	Baking ..	721	2	2	1	—	Windows	Oven	Windows and Top	Limewashed	Satisfactory
12	Baking ..	1,381	5	2	1	—	Windows	Oven	Windows and Top	Limewashed	Satisfactory
14	Baking ..	864	3	1	1	—	Windows	Oven	Windows and Top	Limewashed	Satisfactory
15	Baking ..	1,026	4	2	1	—	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
16	Baking ..	1,395	5	2	1	—	Windows and Gas	Oven	Windows and Top	Limewashed	Satisfactory
20	Laundry ..	22,040	—	5	1	2	Windows and Gas	..	Windows	Limewashed	Satisfactory
21	Dressmaking ..	2,160	8	4	—	1	Windows and Gas	Fireplace	Windows and Door	Papered	Satisfactory
22	Dressmaking ..	2,488	9	6	—	1	Windows and Gas	Fireplaces	Windows and Doors	Papered	Satisfactory
23	Dressmaking ..	1,920	7	2	—	2	Windows and Gas	Fireplace	Windows and Door	Papered	Satisfactory
24	Dressmaking ..	1,237	4	2	—	1	Window and Gas	Fireplace	Window and Door	Papered	Satisfactory
25	Dressmaking ..	1,215	4	4	—	2	Window and Lamp	Fireplace	Window and Door	Papered	Satisfactory
26	Baking ..	1,000	6	1	1	—	Window	Oven	Window and Top	Limewashed	Satisfactory
27	Cabinet Making ..	4,960	19	4	—	—	Windows	Stove	Windows and Top	Limewashed	Satisfactory
28	and Upholsterers ..	5,330	20	2	1	—	Windows	Stove	Windows and Top	Limewashed	Satisfactory
	Painter ..	1,728	6	6	—	—	Windows	..	Windows and Top	Limewashed	Satisfactory
	Glazier ..	2,124	8	4	—	—	Windows	..	Windows and Top	Limewashed	Satisfactory
	Plumber ..	1,350	5	6	1	—	Windows	Stove	Windows and Door	Limewashed	Satisfactory
	Joinery ..	4,536	17	6	—	—	Windows and Gas	Stove	Windows and Door	Limewashed	Satisfactory
29	Joinery ..	11,160	40	4	—	—	Windows and Gas	..	Windows and Door	..	Satisfactory
	Glazier ..	6,370	25	3	1	—	Windows	..	Windows	..	Satisfactory
	Painter ..	1,836	7	1	—	—	Windows	..	Windows	..	Satisfactory
	Plumber ..	1,386	5	2	—	—	Windows	Stove	Windows	..	Satisfactory
31	Motor and Cycle Repairs ..	8,505	34	4	1	—	Windows	Stove	Windows and Top	Limewashed	Satisfactory
32	Plumber ..	646	2	2	1	—	Window	Stove	Windows and Top	Limewashed	Satisfactory
33	Joinery ..	7,930	31	4	1	—	Windows and Gas	Stove	Windows and Top	Limewashed	Satisfactory
—	Blacksmith ..	7,560	30	2	—	—	..	Forge	..	Limewashed	Satisfactory
34	Wheelwright ..	4,830	18	1	—	—	Windows and Gas	..	Windows and Doors	..	Satisfactory
—	Painter ..	3,720	14	1	1	—	Windows and Gas	Stove	Windows and Doors	..	Satisfactory
—	Wheelwright ..	5,184	20	3	—	—	Windows and Gas	..	Windows and Doors	..	Satisfactory
35	Cycle and Motor Repairs ..	2,436	9	4	1	—	Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory
	..	8,640	34				Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory

TABLE X.—Continued.

No. in Register.	Nature of Work carried on.	Cubic Capacity.	Number of Persons permitted to be Employed.	Number of Workers Employed.	W.C.		Lighting.	Warming.	Ventilation.	Paint, Paper, or Limewash.	Remarks.
					M.	F.					
36	Joinery	39,600	158	5	Privy	—	Windows and Electricity	Stove	Windows and Doors	Limewashed	Satisfactory
37	Saw Mills	21,020	84	4	Privy	—	Doors open	Stove	Doors	Limewashed	Satisfactory
38	Steel Rolling	14,985	59								Satisfactory
—	Mills	20,535	82	4	Privy	—	Doors open	Engine	Doors and Top	..	Satisfactory
39	Joinery	5,669	22	3	W.C.	—	Doors open	..	Open Front	Limewashed	Satisfactory
—	Joinery	8,000	30	7	1	—	Windows and Gas	Stove	Doors and Windows	Limewashed	Satisfactory
40	Farrier	3,712	14	3	Privy	—	Windows and Gas	Forge	Doors and Windows	Limewashed	Satisfactory
—	.. ..	2,583	10		W.C.	—	Windows and Gas	..	Doors and Windows	..	Satisfactory
41	Farrier	4,158	16		1	—	Doors open	Forge	Doors and Windows	..	Satisfactory
43	Farrier	4,320	17	6	1	—	Windows and Doors	Forge	Windows	Limewashed	Satisfactory
		9,537	38	4	1	—	Windows and Gas	Forge	Windows and Doors		Satisfactory
44	Wheelwright	4,212	16	1	—	—	Windows and	..	Windows and Doors	Limewashed	Satisfactory
—	Blacksmith	7,956	31	2	1	—	Electric Light	Forge	Windows	Limewashed	Satisfactory
45	Basket Making	2,304	9	3	1	—	Windows, Oil Lamp	..	Windows and Doors	Limewashed	Satisfactory
								Stove	Windows and Doors	Limewashed	Satisfactory
47	Farrier	2,475	9	3	Privy	—	Windows and				
		2,227	8		W.C.	—	Electricity	Forge	Windows and Doors	Limewashed	Satisfactory
48	Joinery	6,720	26		1	—	Windows and Gas	Stove	Windows and Doors	Limewashed	Satisfactory
49	Farrier	7,280	29	5	Privy	—	Windows and Gas	Forge	Windows and Doors	Limewashed	Satisfactory
—	Wheelwright	4,828	19	2	—	—	Windows	..	Windows and Doors	Limewashed	Satisfactory
50	Baking	779	7	1	W.C.	—	Windows and Gas	Oven	Windows and Doors	Limewashed	Satisfactory
52	Baking	2,430	8	1	W.C.	—	Windows	Oven	Windows and Doors	Limewashed	Satisfactory
53	Furniture Repairer	1,485	5	3	W.C.	—	Windows and Gas	Fire Places	Windows and Doors	Papered	Satisfactory
		1,980	7								
54	Millinery	1,260	5		—	W.C.	Windows and Gas	Fire Place	Windows and Doors	Papered	Satisfactory
55	Joiner and Builder	8,820	35	6	W.C.	—	Windows and Gas	Fire Place	Windows and Doors	Limewashed	Satisfactory
56	Joiner and Builder	13,800	52	6	E.C.	—	Windows and Gas	None	Windows and Doors	Limewashed	Satisfactory
57	Saw Mill and Gravel Pit	18,000	—	3	W.C.	—	Windows and Doors	None	Open Doors	..	Satisfactory
58	Baking	2,180	8	3	W.C.	—	Windows and Gas	Ovens	Windows and Doors	Limewashed	Satisfactory
59	Dressmaking	2,320	9	4	—	W.C.	Windows and Electricity	Fire	Windows and Doors	Limewashed	Satisfactory
60	Dressmaking	1,791	4	3	—	W.C.	Windows and Gas	Fire	Windows and Doors	Papered	Satisfactory
61	Painter and Paper Hanger	5,000	20	4	W.C.	—	Windows	Stove	Windows and Doors	Limewashed	Satisfactory
63	Bootmaker	648	2	1	W.C.	—	Windows and Doors	Stove	Windows and Doors		Satisfactory
65	Bootmaker	3,905	12	5	W.C.	—	Windows and Gas	Fire Places	Windows and Doors	Papered	Satisfactory
66	Bootmaker	700	2	1	W.C.	—	Windows and Gas	Stove	Windows and Doors		Satisfactory
68	Plumber and Glazier	3,264	12	2	W.C.	—	Windows	Stove	Windows and Doors		Satisfactory
69	Cycle and Motor Repairer	4,416	16	3	—	—	Windows	Stove	Windows and Doors		Satisfactory

TABLE X.—Continued.

No. in Register.	Nature of Work carried on.	Cubic Capacity.	Number of Persons permitted to be Employed.	Number of Workers Employed.	W.C.		Lighting.	Warming.	Ventilation.	Paint, Paper, or Limewash.	Remarks.
					M.	F.					
72	Baking	2,464	9	1	W.C.	—	Windows	Oven	Windows and Door	Limewashed	Satisfactory
74	Baking	1,188	4	2	W.C.	—	Windows and Gas	Oven	Windows and Door	Limewashed	Satisfactory
75	Dressmaking ..	1,737	6	6	—	W.C.	Windows and Gas	Fire	Windows	Coloured	Satisfactory
76	Boot Repairer ..	1,077	4	2	W.C.	—	Windows	Fire Place	Windows and Door	Limewashed	Satisfactory
77	Boot Repairer ..	864	4	2	W.C.	—	Window	Fire Place	Window and Door	Limewashed	Satisfactory
80	Tailor	1,584	6	6	W.C.	W.C.	Windows and Gas	Fire	Windows and Door	Limewashed	Satisfactory
81	Motor Repairing ..	6,220	24	3	W.C.	—	Windows, Gas and Doors	Fire	Windows and Door	Limewashed	Satisfactory
82	Bootmaker	1,092	4	2	W.C.	—	Windows, Gas and Doors	Fire	Windows and Door	Limewashed	Satisfactory
83	Bootmaker	1,950	6	2	W.C.	—	Windows, Gas and Doors	Fire	Windows	Paint	Satisfactory
86	Photographer ..	4,930	18	5	W.C.	W.C.	Windows and Doors	Fires	Windows and Doors	Limewashed	Satisfactory
88	Laundry	118,188	470	74	W.C.	W.C.	Windows	Hot Air Pipes	Windows and Roof	Limewashed	Satisfactory
89	Laundry	35,820	140	15	W.C.	W.C.	Windows	Hot Air Pipes	Windows and Roof	Limewashed	Satisfactory
91	Saddler	1,818	7	4	W.C.	—	Windows	Fire	Window	Papered	Satisfactory
92	Baker	1,650	6	2	W.C.	—	Window	Fire	Window	Limewashed	Satisfactory
93	Baker	4,494	17	2	W.C.	—	Window	Fire	Windows	Limewashed	Satisfactory
94	Dressmaker ..	1,080	4	2	—	W.C.	Window	Fire	Window	Papered	Satisfactory
95	Baker	3,420	13	2	W.C.	—	Window	Fire	Window	Limewashed	Satisfactory
97	Piano	50,684	200	35	4	3	Electricity	Fires	Windows and Doors	Paint	Satisfactory
98	Cycle Repairs ..	616	2	1	1	—	Door	Fire	Door	Limewashed	Satisfactory
99	Builder	10,406	40	4	1	—	Windows and Doors	Fire	Windows and Doors	..	Satisfactory
100	Saddler	1,008	4	3	1	—	Windows and Gas	Fire	Windows and Door	Papered	Satisfactory
101	Cycle and Motor Repairs ..	2,025	8	3	1	—	Windows and Electric Light	Stove	Windows and Door	Limewashed	Satisfactory
102	Boot Repairer ..	1,690	6	1	1	—	Window and Lamp	Fire	Window and Door	Papered	Satisfactory
103	Dressmaker ..	729	2	1	—	1	Window and Lamp	Fire	Window and Door	Papered	Satisfactory
104	Builder	2,970	11	3	1	—	Windows and Door	..	Windows and Door	..	Satisfactory
105	Plumber	900	3	1	1	—	Window and Door	Stove	Window and Door	..	Satisfactory
106	Boot Repairer ..	720	2	2	1	—	Window and Door	Stove	Window and Door	Papered	Satisfactory
107	Boot Repairer ..	1,080	4	2	1	—	Window and Door	Fire	Window and Door	Papered	Satisfactory
108	Boot Repairer ..	1,210	4	1	1	—	Window and Door	Fire	Window and Door	Papered	Satisfactory
109	Dressmaker ..	792	3	1	—	1	Window and Door	Fire	Window and Door	Painted	Satisfactory
110	Dressmakers ..	1,296	5	1	—	1	Window and Door	Fire	Window and Door	Papered	Satisfactory
111	Dressmaker ..	1,170	4	1	—	1	Window and Door	Fire	Window and Door	Papered	Satisfactory
112	Plumber	960	3	2	1	—	Window and Door	Stove	Window and Door	..	Satisfactory
113	Dressmaker ..	1,440	5	2	—	1	Window and Door	Fire	Window and Door	Papered	Satisfactory
114	Plumber	3,640	14	3	1	—	Windows and Door	Stove	Window and Door	..	Satisfactory
116	Tailor	1,400	5	2	1	—	Window and Door	Fire	Window and Door	Papered	Satisfactory
117	Builder	7,293	29	4	1	—	Windows and Door	Fire	Windows and Doors	..	Satisfactory
118	Cycle Repairs ..	1,152	4	1	1	—	Window and Door	Fire	Window and Door	Papered	Satisfactory

TABLE X.—Continued.

No in Register.	Nature of Work carried on.	Cubic Capacity.	Number of Persons permitted to be Employed.	Number of Workers Employed.	W.C.		Lighting.	Warming.	Ventilation.	Paint, Paper or Limewash.	Remarks.
					M.	F.					
119	Cycle Repairs ..	2,530	10	2	1	—	Window and Door	Stove	Window and Door	..	Satisfactory
120	Boot Repairs ..	1,232	4	2	1	—	Window and Door	Fire	Window and Door	Papered	Satisfactory
121	Dressmaker ..	1,089	4	1	—	1	Window and Door	Fire	Window and Door	Papered	Satisfactory
122	Builder ..	4,455	17	2	1	—	Open Shed	..	Open Shed	..	Satisfactory
123	Builder ..	4,860	19	2	1	—	Door	Fire	Door	..	Satisfactory
124	Dressmaker ..	588	2	1	—	1	Window and Door	Fire	Window and Door	Papered	Satisfactory
125	Dressmaker ..	1,512	6	1	—	1	Window and Doors	Fire	Window and Doors	Papered	Satisfactory
126	Boot Repairs ..	1,512	6	2	1	—	Window and Doors	Fire	Window and Doors	Papered	Satisfactory
127	Tailor ..	1,309	5	1	1	—	Window and Door	Fire	Window and Door	Papered	Satisfactory
128	Stonemason ..	1,680	6	5	1	—	Open Shed	..	Open Shed	..	Satisfactory
129	Builder ..	18,040	70	7	1	—	Sky Lights	..	Doors	..	Satisfactory
130	Dressmaker ..	1,089	4	1	—	1	Window and Doors	Fire	Window and Doors	Papered	Satisfactory
131	Plumber ..	1,989	7	1	1	—	Window and Door	..	Window and Door	..	Satisfactory
132	Boot Repairer ..	1,980	7	2	1	—	Window and Doors	Stove	Doors	Papered	Satisfactory
133	Plumber ..	1,152	4	1	1	—	Door	Stove	Door	..	Satisfactory
134	Dressmaker ..	1,232	4	3	—	1	Window and Door	Fire	Window and Door	Papered	Satisfactory
135	Plumber ..	2,420	5	2	1	—	Window and Door	Stove	Window and Door	..	Satisfactory
137	Baker ..	1,200	4	1	1	—	Window and Doors	Fire	Window and Door	Limewashed	Satisfactory
139	Builder ..	94,552	90	8	1	—	Window and Door	Fire	Window and Door	..	Satisfactory
140	Watch Maker ..	1,860	6	2	1	—	Window and Doors	Fire	Window and Door	Papered	Satisfactory
141	Dressmaker ..	2,160	8	6	—	1	Window and Door	Stove	Window and Door	Stained & Var'hed	Satisfactory
142	Builder ..	11,760	46	3	1	—	Window and Door	..	Window and Door	Corrugated Iron	Satisfactory
143	Millinery ..	2,390	9	6	—	1	Windows & Electric	Fire	Windows and Doors	Paint	Satisfactory

FREDK. MERRIFIELD, *Sanitary Inspector.*

TABLE XI.

ANNUAL REPORT of Medical Officer of Health for 1913 for the
Urban District of Sutton Coldfield.

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES, & HOMEWORK.

1.—INSPECTION.

(Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.)

Premises.	Number of		
	Inspec- tions.	Written Notices.	Prosecu- tions.
17 Factories (including Factory Laundries) ..	27	—	—
96 Workshops (including Workshop Laundries) ..	109	—	—
1 Workplace	1	—	—
2 Homeworkers' Premises	2	—	—
Total ..	139	—	—

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecu- tions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness	1	1	—	—
Want of ventilation	—	—	—	—
Overcrowding	—	—	—	—
Want of drainage of floors ..	—	—	—	—
Other nuisances	1	1	—	—
Sanitary accommodation—				
Insufficient	—	—	—	—
Unsuitable or defective ..	—	—	—	—
Not separate for sexes ..	—	—	—	—
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse (S. 101)	—	—	—	—
Breach of special sanitary re- quirements for bakehouses (SS. 97 to 100)	—	—	—	—
Failure as regards lists of out- workers (S. 107)	—	—	—	—
Giving out work to be done in premises which are—				
Unwholesome (S. 108) ..	—	—	—	—
Infected (S. 110)	—	—	—	—
Allowing wearing apparel to be made in premises infected by scarlet fever or smallpox (S.109)	—	—	—	—
Other offences	—	—	—	—
Total	2	2	—	—

TABLE XI.—*continued.*

3.—OTHER MATTERS.

Class.	Number.	
Matters notified to H.M. Inspectors of Factories :—		
Failure to affix Abstract of the Factory and Workshop Act (S. 133)	—	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5)—	—	
Notified by H.M. Inspectors	—	
Reports (of action taken) sent to H.M. Inspectors	—	
Other	—	
Underground Bakehouses (S. 101)—		
In use during 1912	—	
Certificates granted in 1912	—	
" " 1912	—	
In use at the end of 1913	—	
Number of		
Homework—	Lists.	Out-workers.
	1	2
	—	—
	—	—
List of Outworkers (S. 107)—		
Lists received	1	2
Addresses of outworkers forwarded to other Authorities	—	—
Addresses of outworkers received from other Authorities	—	—
Wearing Apparel.		Other.
Homework in unwholesome or infected premises—		
Notices prohibiting homework in unwholesome premises (S. 108)	—	—
Cases of infectious disease notified in homeworkers' premises	—	—
Orders prohibiting homework in infected premises (S. 110)	—	—
Workshops on the Register (S. 131) at the end of 1913 including the 17 Bakehouses		139
Total number of workshops on Register ..		139

TABLE XII.

SUTTON COLDFIELD DISTRICT.

SECTION 17 OF THE HOUSING ACT 1909.

Number of Houses Inspected for purposes of Section 17 of Act 1909.	Number of Houses found unfit for Habitation	Number of Representations made to the Local Authority with a view to the making of Closing Orders.	Number of Closing Orders made.	Number of Dwelling Houses the defects in which were remedied without the making of Closing Orders.	Number of Dwelling Houses which after the making of Closing Orders were put into a fit state for human habitation and the general character of defects found to exist.
613	3	3	3	19	0

TABLE XIII.

ANNUAL REPORT of the Medical Officer of Health for the Year 1913,
for the Urban District of Sutton Coldfield, on the Administration of
the Factory and Workshops Act, 1901, in connection with

FACTORIES, WORKSHOPS, WORKPLACES & HOMEWORK.

1—INSPECTION OF FACTORIES, WORKSHOPS & WORKPLACES.

(Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.)

Premises. (1)	Inspection. (2)	Number of	
		Written Notices. (3)	Prosecu- tions. (4)
17 Factories (including Factory Laundries) ..	27	—	—
96 Workshops (including Workshop Laundries)	109	—	—
1 Workplace (other than Outworkers' premises included in Part 3 of this Report) ..	1	—	—
Total	137	—	—

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS & WORKPLACES.

Particulars. (1)	Number of Defects.			Number of Prosecu- tions. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness	1	1	—	—
Want of ventilation	—	—	—	—
Overcrowding	—	—	—	—
Want of drainage of floors ..	—	—	—	—
Other nuisances	1	1	—	—
Sanitary accommodation—				
Insufficient	—	—	—	—
Unsuitable or defective ..	—	—	—	—
Not separate for sexes ..	—	—	—	—
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse (s. 101)	—	—	—	—
Breach of special sanitary re- quirements for bakehouses (ss. 97 to 100)	—	—	—	—
Other offences (excluding offences relating to outwork which are included in Part 3 of this Report)	—	—	—	—
Total	2	2	—	—

3.—HOME WORK.

Wearing Apparel—			
Making, &c.	..	..	..
Cleaning and Washing	..	..	..
Household linen	..	..	..
Lace, lace curtains and nets			..
Curtains and furniture hangings			..
Furniture and upholstery	..	..	..
Electro-plate	..	..	..
File making	..	..	..
Brass and brass articles	..	..	..
Fur pulling	..	..	..
Cables and chains	..	..	..
Anchors and grapnels	..	..	..
Cart gear	..	..	..
Locks, latches and keys	..	..	..
Umbrellas, &c.	..	..	..
Artificial flowers	..	..	..
Nets, other than wire nets	..	..	..
Tents	..	..	..
Sacks	..	..	..
Racquet and tennis balls	..	..	..
Paper, &c., boxes paper, bags	..	..	..
Brush making	..	..	..
Pea picking	..	..	..
Feather sorting	..	..	..
Carding, &c., of buttons, &c.	..	..	..
Stuffed toys	..	..	..
Basket making	..	..	..
Chocolates and sweetmeats			..
Cosaques, Christmas crackers, Christmas			
stockings, &c.	..	..	..
Textile weaving	..	..	..

TOTAL

TABLE XIII.—*continued.*

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year. (1)		Number. (2)
Important classes of Workshops, such as workshop bakehouses may be enumerated here.	96	
	Total number of Workshops on Register	96

5.—OTHER MATTERS.

Class. (1)	Number. (2)
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshop Acts (s. 133, 1901)	—
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts (s. 5, 1901)—	
Notified by H.M. Inspector	2
Reports (of action taken) sent to H.M. Inspector	2
Other	—
Underground Bakehouses (s. 101)—	
Certificates granted during the year	—
In use at the end of the year	—

A. BOSTOCK HILL,
Medical Officer of Health

March 12th, 1914.

